

Sensor Patents Granted**EXHIBIT A**

USPTO Ref.	Title	Owner	Country	PATENT NUMBER	DATE ISSUED
AU-C089	Analytic Cell	FSG	AU	719581	11-Sep-1997
AU-C089	Analytic Cell	FSG	US	6193865	27-Feb-2001
AU-C056	Electrochemical Cell	FSG	AU	712939	19-Jun-1996
AU-C056	Electrochemical Cell	FSG	SG	533339	17-Aug-1999
AU-C056	Electrochemical Cell	FSG	US	6284125	04-Sep-2001
AU-C064	Electrochemical Cell	FSG	AU	705313	15-Nov-1996
AU-C084	Electrochemical Cell	FSG	US	6179979	30-Jan-2001
AU-C141	Electrochemical cell	FSG	AU	741403	02-Aug-1999
AU-C142	Electrochemical cell	FSG	AU	735132	02-Aug-1999
AU-C137	Electrochemical Cell (Notch)	FSG	AU	738128	15-Nov-1996
AU-C137	Electrochemical Cell (Notch)	FSG	US	6174420	16-Jan-2001
AU-C065	Electrochemical Method	FSG	AU	705165	15-Nov-1996
AU-C065	Electrochemical Method	FSG	IL	124494	03-Dec-2000
AU-C065	Electrochemical Method	FSG	RU	2174679	10-Oct-2001
AU-C065	Electrochemical Method	FSG	SG	53703	19-Sep-2000
AU-C080	Electrochemical Method	FSG	US	5942102	24-Aug-1999
AU-C094	Improved Electrochemical Cell	FSG	AU	723768	25-Mar-1998
AU-C107	Method and Apparatus for Automatic Analysis	FSG	US	6325917	04-Dec-2001
AU-C167	Method and device for sampling and analyzing interstitial fluid and whole blood samples	FSG	WO	WO 0172220	04-Oct-2001
AU-C054	Method of Defining an Electrode Area	FSG	AU	693678	11-Apr-1996
AU-C054	Method of Defining an Electrode Area	FSG	SG	45676	27-Apr-1999
AU-C054	Method of Defining an Electrode Area	FSG	US	5980709	09-Sep-1999
AU-C161	Method of preventing short sampling of a capillary or wicking fill device	FSG	WO	WO 0173395	04-Oct-2001
AU-C041	Novel Electrochemical Cells	FSG	AU	697214	12-Apr-1995
[AU-C041]	Novel Electrochemical Cells	FSG	US	5863400	26-Jan-1999
					24-Feb-1997

OWNER

USF Filtration & Separations Group Inc

FSG

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Patent Reference	Title	Owner	Country	Application Number	Filing Date
AU-C245	Ambidextrous Strip	FSG	US		
AU-C089	Analytic Cell	FSG	CA	2264288	11-Sep-1997
AU-C089	Analytic Cell	FSG	EP	97938686.9	11-Sep-1997
AU-C089	Analytic Cell	FSG	JP	513059/1998	11-Sep-1997
AU-C089	Analytic Cell	FSG	WO	PCT/AU97/00599	11-Sep-1997
AU-C244	Electrochemical Cell	FSG	US	09709968	10-Nov-2000
AU-C056	Electrochemical Cell	FSG	CA	2222525	19-Jun-1996
AU-C056	Electrochemical Cell	FSG	CN	96194874.4	19-Jun-1996
AU-C056	Electrochemical Cell	FSG	EP	96917287.3	19-Jun-1996
AU-C056	Electrochemical Cell	FSG	JP	5024211/1997	19-Jun-1996
AU-C056	Electrochemical Cell	FSG	KR	10-1997709488	19-Jun-1996
AU-C056	Electrochemical Cell	FSG	WO	AU96/00365	19-Jun-1996
AU-C064	Electrochemical Cell	FSG	BR	PI9611514-9	16-Nov-1993
AU-C064	Electrochemical Cell	FSG	CA	2236850	16-Nov-1996
AU-C064	Electrochemical Cell	FSG	CN	96199077.5	16-Nov-1996
AU-C064	Electrochemical Cell	FSG	EP	96937919.7	16-Nov-1996
AU-C064	Electrochemical Cell	FSG	HK	99103129.0	20-Jul-1999
AU-C064	Electrochemical Cell	FSG	IL	124495	15-Nov-1996
AU-C064	Electrochemical Cell	FSG	JP	518444/1997	15-Nov-1996
AU-C064	Electrochemical Cell	FSG	KR	703701/1998	15-Nov-1996
AU-C064	Electrochemical Cell	FSG	MX	983881	16-Nov-1996
AU-C064	Electrochemical Cell	FSG	RU	98111492	15-Nov-1996
AU-C064	Electrochemical Cell	FSG	SG	980284.8	15-Nov-1996
AU-C064	Electrochemical Cell	FSG	WO	PCT/AU96/00724	15-Nov-1996
AU-C064	Electrochemical Cell	FSG	US	09/618515	18-Jul-2000
AU-C064	Electrochemical Cell	FSG	IL	133994	
AU-C215	Electrochemical Cell	FSG	US	09/840624	23-Apr-2001
AU-C260	Electrochemical cell	FSG	US		
AU-C279	Electrochemical Cell	FSG	AT	99202305.1	16-Nov-1996
AU-C317	Electrochemical cell	FSG	BE	99202305.1	16-Nov-1996
AU-C137	Electrochemical Cell (Notch)	FSG	BR		16-Dec-1999
AU-C137	Electrochemical Cell (Notch)	FSG	CA	99202305.1	15-Nov-1996
AU-C137	Electrochemical Cell (Notch)	FSG	CH	99202305.1	15-Nov-1996
AU-C137	Electrochemical Cell (Notch)	FSG	CN	99123109.0	

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AU-C137	Electrochemical Cell (Notch)	FSG	DE	99202305.1	15-Nov-1996
AU-C137	Electrochemical Cell (Notch)	FSG	DK	99202305.1	15-Nov-1996
AU-C137	Electrochemical Cell (Notch)	FSG	EP	99202305.1	15-Nov-1996
AU-C137	Electrochemical Cell (Notch)	FSG	ES	99202305.1	15-Nov-1996
AU-C137	Electrochemical Cell (Notch)	FSG	FR	99202305.1	15-Nov-1996
AU-C137	Electrochemical Cell (Notch)	FSG	GB	99202305.1	15-Nov-1996
AU-C137	Electrochemical Cell (Notch)	FSG	GR	99202305.1	15-Nov-1996
AU-C137	Electrochemical Cell (Notch)	FSG	HK	00107699.9	30-Nov-2000
AU-C137	Electrochemical Cell (Notch)	FSG	IL	132089	27-Sep-1999
AU-C137	Electrochemical Cell (Notch)	FSG	IT	99202305.1	15-Nov-1996
AU-C137	Electrochemical Cell (Notch)	FSG	JP		
AU-C137	Electrochemical Cell (Notch)	FSG	KR	10-2001-7014495	14-Nov-2001
AU-C137	Electrochemical Cell (Notch)	FSG	LI	99202305.1	15-Nov-1996
AU-C137	Electrochemical Cell (Notch)	FSG	MX	999175	07-Oct-1999
AU-C137	Electrochemical Cell (Notch)	FSG	NL	99202305.1	15-Nov-1996
AU-C137	Electrochemical Cell (Notch)	FSG	RU	2000104734	24-Feb-2000
AU-C137	Electrochemical Cell (Notch)	FSG	SE	99202305.1	15-Nov-1996
AU-C137	Electrochemical cell connector	FSG	SG		
AU-C065	Electrochemical Method	FSG	US		
AU-C065	Electrochemical Method	FSG	BR	P19611513-0	15-Nov-1996
AU-C065	Electrochemical Method	FSG	CA	2236848	15-Nov-1996
AU-C065	Electrochemical Method	FSG	CN	96199076.7	15-Nov-1996
AU-C065	Electrochemical Method	FSG	EP	96937918.9	15-Nov-1996
AU-C065	Electrochemical Method	FSG	HK	99101616.4	14-Apr-1999
AU-C065	Electrochemical Method	FSG	JP	518443/1997	15-Nov-1996
AU-C065	Electrochemical Method	FSG	KR	703700/1998	15-Nov-1996
AU-C065	Electrochemical Method	FSG	MX	983882	15-Nov-1996
AU-C065	Electrochemical Method	FSG	WO	PCT/AU96/00723	15-Nov-1996
AU-C213	Electrochemical method for measuring chemical reaction rates	FSG	AR	P010103342	13-Jul-2001
AU-C213	Electrochemical method for measuring chemical reaction rates	FSG	MY	P1200113295	11-Jul-2001
AU-C213	Electrochemical method for measuring chemical reaction rates	FSG	TH	066874	12-Jul-2001
AU-C213	Electrochemical method for measuring chemical reaction rates	FSG	TW	90117040	12-Jul-2001
AU-C213	Electrochemical method for measuring chemical reaction rates	FSG	US	09/616556	14-Jul-2000
AU-C213	Electrochemical method for measuring chemical reaction rates	FSG	WO	PCT/US01/21314	06-Jul-2001
AU-C131	Heated Electrochemical Cell	FSG	AU	29124/99	11-Mar-1999

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USPTO Reference	Title	Owner	Country	Application Number	Filing Date
AU-C131	Heated Electrochemical Cell	FSG	CA	2322757	11-Mar-1999
AU-C131	Heated Electrochemical Cell	FSG	DE	999100019	11-Mar-1999
AU-C131	Heated Electrochemical Cell	FSG	EP	999100019	11-Mar-1999
AU-C131	Heated Electrochemical Cell	FSG	ES	999100019	11-Mar-1999
AU-C131	Heated Electrochemical Cell	FSG	FR	999100019	11-Mar-1999
AU-C131	Heated Electrochemical Cell	FSG	GB	999100019	11-Mar-1999
AU-C131	Heated Electrochemical Cell	FSG	HK	01103634.5	25-May-2001
AU-C131	Heated Electrochemical Cell	FSG	IT	999100019	11-Mar-1999
AU-C131	Heated Electrochemical Cell	FSG	JP	2000-535917	11-Mar-1999
AU-C131	Heated Electrochemical Cell	FSG	NL	999100019	11-Mar-1999
AU-C131	Heated Electrochemical Cell	FSG	TW	88103765	11-Mar-1999
AU-C131	Heated Electrochemical Cell	FSG	US	09/659470	11-Sep-2000
AU-C131	Heated Electrochemical Cell	FSG	WO	PCT/AU99/00152	11-Mar-1999
AU-C131	Heated Electrochemical Cell	FSG	CA	2284532	25-Mar-1998
AU-C094	Improved Electrochemical Cell	FSG	DE		
AU-C094	Improved Electrochemical Cell	FSG	EP	98910522.6	25-Mar-1998
AU-C094	Improved Electrochemical Cell	FSG	ES	98910522.6	25-Mar-1998
AU-C094	Improved Electrochemical Cell	FSG	FR	98910522.6	25-Mar-1998
AU-C094	Improved Electrochemical Cell	FSG	GB	98910522.6	25-Mar-1998
AU-C094	Improved Electrochemical Cell	FSG	IT	98910522.6	25-Mar-1998
AU-C094	Improved Electrochemical Cell	FSG	JP	543209/1998	25-Mar-1998
AU-C094	Improved Electrochemical Cell	FSG	NL	98910522.6	25-Mar-1998
AU-C094	Improved Electrochemical Cell	FSG	US	09/404119	23-Sep-1999
AU-C094	Improved Electrochemical Cell	FSG	WO	PCT/AU98/00200	25-Mar-1998
AU-C166	Improved Electrochemical Cell	FSG	US	09/1568076	10-May-2000
AU-C107	Method and Apparatus for Automatic Analysis	FSG	AU	87203198	13-Aug-1998
AU-C107	Method and Apparatus for Automatic Analysis	FSG	CA	2300406	13-Aug-1998
AU-C107	Method and Apparatus for Automatic Analysis	FSG	DE	98938521.6	13-Aug-1998
AU-C107	Method and Apparatus for Automatic Analysis	FSG	EP	98938521.6	13-Aug-1998
AU-C107	Method and Apparatus for Automatic Analysis	FSG	ES	98938521.6	13-Aug-1998
AU-C107	Method and Apparatus for Automatic Analysis	FSG	FR	98938521.6	13-Aug-1998
AU-C107	Method and Apparatus for Automatic Analysis	FSG	GB	98938521.6	13-Aug-1998
AU-C107	Method and Apparatus for Automatic Analysis	FSG	GR	98938521.6	13-Aug-1998
AU-C107	Method and Apparatus for Automatic Analysis	FSG	IE	98938521.6	13-Aug-1998
AU-C107	Method and Apparatus for Automatic Analysis	FSG	IT	98938521.6	13-Aug-1998

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USPTO Reference	Title	Owner	Country	Application Number	Priority Date	Filing Date
AU-C107	Method and Apparatus for Automatic Analysis	FSG	JP	2000-510018	13-Aug-1998	13-Aug-1998
AU-C107	Method and Apparatus for Automatic Analysis	FSG	NL	988938521.6		13-Aug-1998
AU-C107	Method and Apparatus for Automatic Analysis	FSG	WO	PCT/AU98/00642	13-Aug-1998	13-Aug-1998
AU-C307	Method and Apparatus for Automatic Analysis	FSG	US	09/1970461	02-Oct-2001	
AU-C167	Method and device for sampling and analyzing interstitial fluid and whole blood samples	FSG	TW	90108732	12-Apr-2001	
AU-C167	Method and device for sampling and analyzing interstitial fluid and whole blood samples	FSG	US	09/1536235	27-Mar-2000	
AU-C167	Method and device for sampling and analyzing interstitial fluid and whole blood samples	FSG	WO	US01/09673	26-Mar-2001	
AU-C054	Method of Defining an Electrode Area	FSG	CA	2216911	11-Apr-1996	
AU-C054	Method of Defining an Electrode Area	FSG	EP	96908916.8	11-Apr-1996	
AU-C054	Method of Defining an Electrode Area	FSG	JP	5305731996	11-Apr-1996	
AU-C054	Method of Defining an Electrode Area	FSG	WO	PCT/AU96/00210	11-Apr-1996	
AU-C161	Method of preventing short sampling of a capillary or wicking fill device	FSG	TW	90108733	12-Apr-2001	
AU-C161	Method of preventing short sampling of a capillary or wicking fill device	FSG	US	09/1536234	27-Mar-2000	
AU-C161	Method of preventing short sampling of a capillary or wicking fill device	FSG	WO	US01/09675	26-Mar-2001	
AU-C287	Novel Electrochemical Cell	FSG	US	60/328846	10-Oct-2001	
AU-C041	Novel Electrochemical Cells	FSG	AT	95915068.1	12-Apr-1995	
AU-C041	Novel Electrochemical Cells	FSG	BE	95915068.1	12-Apr-1995	
AU-C041	Novel Electrochemical Cells	FSG	CH	95915068.1	12-Apr-1995	
AU-C041	Novel Electrochemical Cells	FSG	DE	95915068.1	12-Apr-1995	
AU-C041	Novel Electrochemical Cells	FSG	DK	95915068.1	12-Apr-1995	
AU-C041	Novel Electrochemical Cells	FSG	EP	95915068.1	12-Apr-1995	
AU-C041	Novel Electrochemical Cells	FSG	ES	95915068.1	12-Apr-1995	
AU-C041	Novel Electrochemical Cells	FSG	FR	95915068.1	12-Apr-1995	
AU-C041	Novel Electrochemical Cells	FSG	GB	95915068.1	12-Apr-1995	
AU-C041	Novel Electrochemical Cells	FSG	GR	95915068.1	12-Apr-1995	
AU-C041	Novel Electrochemical Cells	FSG	IE	95915068.1	12-Apr-1995	
AU-C041	Novel Electrochemical Cells	FSG	IT	95915068.1	12-Apr-1995	
AU-C041	Novel Electrochemical Cells	FSG	JP	526564/1995	12-Apr-1995	
AU-C041	Novel Electrochemical Cells	FSG	LU	95915068.1	12-Apr-1995	
AU-C041	Novel Electrochemical Cells	FSG	MC	95915068.1	12-Apr-1995	
AU-C041	Novel Electrochemical Cells	FSG	NL	95915068.1	12-Apr-1995	
AU-C041	Novel Electrochemical Cells	FSG	PT	95915068.1	12-Apr-1995	
AU-C041	Novel Electrochemical Cells	FSG	SE	95915068.1	12-Apr-1995	
AU-C041	Novel Electrochemical Cells	FSG	WO	PCT/AU95/00207	12-Apr-1995	
AU-C248	Novel mediation strategy for enzyme linked electrochemical assays	FSG	US			

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USPTO Filing Date	Title	Owner	Country	Application Number	Filing Date
AU-C095	Sensor Connection Means	FSG	AT	98907775.5	20-Mar-1998
AU-C095	Sensor Connection Means	FSG	AU	86044/98	20-Mar-1998
AU-C095	Sensor Connection Means	FSG	BE	98907775.5	20-Mar-1998
AU-C095	Sensor Connection Means	FSG	BR	P19807987-5	20-Mar-1998
AU-C095	Sensor Connection Means	FSG	CA	2284634	20-Mar-1998
AU-C095	Sensor Connection Means	FSG	CH	98907775.5	20-Mar-1998
AU-C095	Sensor Connection Means	FSG	CN	98804325.4	20-Mar-1998
AU-C095	Sensor Connection Means	FSG	DE	98907775.5	20-Mar-1998
AU-C095	Sensor Connection Means	FSG	DK	98907775.5	20-Mar-1998
AU-C095	Sensor Connection Means	FSG	EP	98907775.5	20-Mar-1998
AU-C095	Sensor Connection Means	FSG	ES	98907775.5	20-Mar-1998
AU-C095	Sensor Connection Means	FSG	FR	98907775.5	20-Mar-1998
AU-C095	Sensor Connection Means	FSG	GB	98907775.5	20-Mar-1998
AU-C095	Sensor Connection Means	FSG	GR	98907775.5	20-Mar-1998
AU-C095	Sensor Connection Means	FSG	HK	00103935.2	29-Jun-2000
AU-C095	Sensor Connection Means	FSG	IL	131980	20-Mar-1998
AU-C095	Sensor Connection Means	FSG	IT	98907775.5	20-Mar-1998
AU-C095	Sensor Connection Means	FSG	JP	544532/1998	20-Mar-1998
AU-C095	Sensor Connection Means	FSG	KR	7008615/1999	20-Mar-1998
AU-C095	Sensor Connection Means	FSG	MX	998659	20-Mar-1998
AU-C095	Sensor Connection Means	FSG	NL	98907775.5	20-Mar-1998
AU-C095	Sensor Connection Means	FSG	RU	99122339	20-Mar-1998
AU-C095	Sensor Connection Means	FSG	SE	98907775.5	20-Mar-1998
AU-C095	Sensor Connection Means	FSG	SG	9904624-5	20-Mar-1998
AU-C095	Sensor Connection Means	FSG	US	09/399512	20-Sep-1999
AU-C095	Sensor Connection Means	FSG	WO	PCT/AU98/00184	20-Mar-1998
J-0318	Sensor Connection Means	FSG	US	to be advised	04-Jan-2002
AU-C132	Sensor with Improved Shelf Life	FSG	AU	29136/99	16-Mar-1999
AU-C132	Sensor with Improved Shelf Life	FSG	CA	2322454	16-Mar-1999
AU-C132	Sensor with Improved Shelf Life	FSG	DE	99910013.4	16-Mar-1999
AU-C132	Sensor with Improved Shelf Life	FSG	EP	99910013.4	16-Mar-1999
AU-C132	Sensor with Improved Shelf Life	FSG	ES	99910013.4	16-Mar-1999
AU-C132	Sensor with Improved Shelf Life	FSG	FR	99910013.4	16-Mar-1999
AU-C132	Sensor with Improved Shelf Life	FSG	GB	99910013.4	16-Mar-1999
AU-C132	Sensor with Improved Shelf Life	FSG	HK	01104929.7	31-Jul-2001
AU-C132	Sensor with Improved Shelf Life	FSG	IT	99910013.4	16-Mar-1999
AU-C132	Sensor with Improved Shelf Life	FSG	JP	2000-538226	16-Mar-1999

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USPTO Reference	Title	Owner	Country Application Number	Filing Date
AU-C132	Sensor with Improved Shelf Life	FSG	NL 99910013.4	16-Mar-1999
AU-C132	Sensor with Improved Shelf Life	FSG	TW 88104370	19-Mar-1999
AU-C132	Sensor with Improved Shelf Life	FSG	US 09/664688	19-Sep-2000
AU-C132	Sensor with Improved Shelf Life	FSG	WO PCT/AU99/00166	16-Mar-1999
AU-C322	Direct Immunoassay Sensor	FSG	AU Invention Disclosure	14-Jan-02
	OWNER	FSG		
	USF Filtration & Separations Group Inc			

EXHIBIT A

Non Sensor Patents Pending

Case Number	Title	Owner	Country	Application Number	Filing Date
AU-C199	Anti-oxidant sensor disclosure	FSG	US	09/615691	14-Jul-2000
AU-C199	Anti-oxidant sensor disclosure	FSG	WO	US01/21961	12-Jul-2001
AU-C214	Hemoglobin Sensor	FSG	US	09/616512	14-Jul-2000
AU-C214	Hemoglobin Sensor	FSG	WO	US01/21964	12-Jul-2001
AU-C198	Immunosensor	FSG	US	09/616433	14-Jul-2000
AU-C198	Immunosensor	FSG	WO	US01/22202	13-Jul-2000

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